

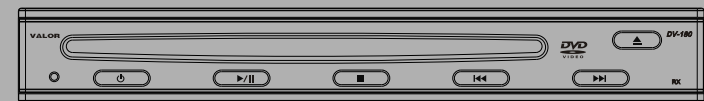
VALOR

| HALF DIN SIZE DVD PLAYER

English

USER MANUAL

MODEL: DV-180



Technical Specifications

Supply Voltage:	12VDC(10.8V~ 16V), test voltage 13.2V, negative ground
Environment temperature:	0°C~45°C
Chassis Dimensions:	183.4x178x50(mm)
Current Consumption:	Less than 2A Quiescent \leq 5mA
Video system	NTSC/PAL/AUTO
Discs Played:	(1) DVD-VIDEO Disc 5" (12cm)single-sided, single-layer 5" (12cm)single-sided, double-layer (2)Compact Disc(CD-DA, VIDEO CD) 5" (12cm) disc
Audio Output Level:	2ch 2.0 +0/-1Vrms(10K Ω)
Video Output Level:	1 \pm 0.2V(75 Ω)
Characteristics:	(1)Frequency Response 20Hz~20KHz (\pm 2dB) (2)S/N Ratio 85dB(JIS) (1KHz) (3)Channel separation \geq 85dB(1KHz)

Note:

Specifications and design are subject to modification ,
without notice , due to improvements in technology.

AUDIO SYSTEMS

Congratulations to your purchase of the Audio System DVD Player.. This product has been designed and built to deliver the highest quality video reproduction with CD sound.

We are sure you'll enjoy watching your favorite movies with this system as a part of your multimedia. For best results , please consult a professional mobile electronics installer for application advice or troubleshooting..

To guarantee top performance,we recommend to using The Link installation accessories such as RCA interconnects,power cables,and speaker wire, Thank you for choosing Audio systems products for your mobile entertainment system. We can't change the world,but we can make it sound and look better.

FEATURES

Compatible with PAL-DVD (Video CD) and NTSC DVD (Video CD)..

This player can play discs recorded in either PAL or NTSC format.

A single LSI chip now integrates all major DVD playback circuit functions including MPEG2 decoder,video D/A converter, and audio decoders..

L/R stereo analog audio outputs for connection to existing head unit aux inputs . Video output is composite video..

Supplied remote handles multi-function software (multi - language audio - track /subtitle ,multi-angle,multi-story,etc),plus all basic functions.

Last position memory

USE THIS PRODUCT SAFELY

When Driving

Keep the volume level low enough to be aware of road and traffic conditions..

When Car Washing

Do not expose the product to water or excessive moisture.This could cause electrical shorts , fire or other damage.

When Parked

Parking in direct sunlight can produce very high temperatures inside your vehicle.Give the interior a chance to cool down before starting playback.

Use the proper Power Supply

This product is designed to operate with a 12 volt DC.

Protect the Disc Mechanism

Avoid inserting any foreign objects into the slot of this player.

Failure to observe this may cause malfunction due to the precise mechanism of this unit.

Use Authorized Service Centres

Do not attempt to disassemble or adjust this precision product , please refer to the Service Centre near by for service assistance.

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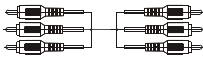



Restore Default

Press the YES button to return to the initial factory settings.

DEFAULTS TABLE

Language	OSD Menu	English
	Subtitle	Off
	Audio	English
	Disc Menu	English
Video	TV Display	Wide
	TV Type	NTSC
Rating	Password	Unchanged
	Rating	Unchanged

Accessories and Hardware

No.	Item	Diagram	Quantity
1	User Manual		1
2	Remote Control		1
3	A/V Connections		1
4	Power Supply Connections		1
5	External Remote Sensor		1
6	Rubber Foot		4

Note:

The use of any accessories except for those provided might result in damage to the unit. Make sure only to use the accessories shipped with the unit, as shown above.

Safety information

Caution:

Mobile DVD player is a class A laser product. However this mobile DVD player uses a visible / invisible laser beam which could cause hazardous radiation exposure if directed. Be sure to operate the mobile DVD player correctly as instructed. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. Do not open covers and do not repair by yourself, refer servicing to qualified person.

Warning:

to reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.

to reduce the risk of fire or electric shock, and annoying interference, use only the recommended accessories.

this device is intended for continuous Operation.

This product incorporates copyright protection technology that is protected by method claims of certain US. patents and other intellectual property rights owned by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Manufactured under license from Dolby Laboratories.
“Dolby” and the double-D symbol are trademarks of Dolby Laboratories.

Region Management Information:

This Mobile DVD Player is designed and manufactured to respond to the Region Management Information that is recorded on a DVD disc. If the Region number described on the DVD disc does not correspond to the Region number of this Mobile DVD Player cannot play this disc.

Disc formats supported by this player(12 cm disc)

CD: CD, CD-R, CD-RW, CD-ROM, MP3

VCD: VCD, SVCD, DVCD

DVD: DVD5, DVD9, DVD10

Discs which cannot be played with this player

DVD-ROM

DVD-RAM

CDV

CD-G

Handling and cleaning

Dirt, dust, scratches and warping disc will cause misoperation.

Do not place stickers or make scratches on discs.

Do not warp discs.

A disc should be kept in its case when not in use to prevent damage.

Do not place discs in following place:

- 1、Direct sunlight
- 2、Dirty, dusty and damp areas
- 3、Near car heaters
- 4、On the seats or dashboard

Disc Cleaning

Use a dry soft cloth to wipe the surface. If the disc is quite dirty, use a soft cloth slightly moistened with isopropyl (rubbing) alcohol. Never use solvents such as benzine, thinner or conventional record cleaners as they may mar the surface of the disc.

Note:

A disc may become somewhat scratched (although not enough to make it unplayable) depending on how it is handled and the conditions of exposure. Note these scratches are not an indication of any problem with the player.



Label side up



Do not touch the underside of the disc



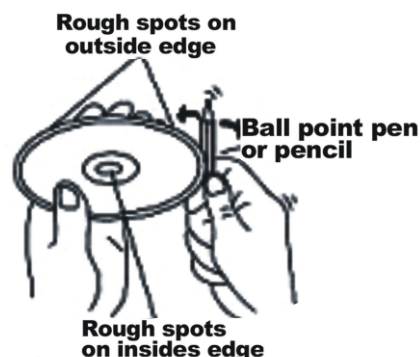
Do not bend



Wipe the disc from center toward the outside edge

Preparing New Discs with Rough Spots

A new disc may have rough edges on its inside and outside edges. If a disc with rough edges is used, the proper setting will not be performed and the player will not play the disc. Therefore, remove the rough edges in advance by using a ball point pen or pencil as shown on the right. To remove the rough edges, press the side of the pen or pencil against the inside and outside edges of the disc.



Additional Information

Notes:

To avoid shorts in the electrical system, be sure to disconnect the power cable before beginning installation.

Refer to the owner's manual for details on connecting the power amp and other units, then make connections correctly.

Never feed power to other equipment by cutting the insulation of the power supply lead of the unit and tapping into the lead. The current capacity of the lead will be exceeded, causing overheating.

When replacing fuse, be sure to use only fuse of the same rating prescribed on this unit.

With DVD-R/DVD-RW discs, only recordings made in the video format (Video mode) can be played back. DVD-RW discs recorded in the Video Recording format (VR mode) cannot be played back.

Even with DVD-R/DVD-RW discs featuring recordings made in the Video format (Video mode), playback may not be possible with this unit due to disc characteristics or scratches or dirt on the disc. Dirt or condensation on the lens inside this unit may also prevent playback.

Playback of discs recorded with a PC using the correct format is possible but depending on the application software, environmental settings and other factors playback may not be possible (For details, inquire at the store or dealer where you purchased the application software.)

CD - Extra discs can be played back as music CDs.

Normal playbackable discs are CD-R/CD-RW other than those recorded with a music CD recorder.

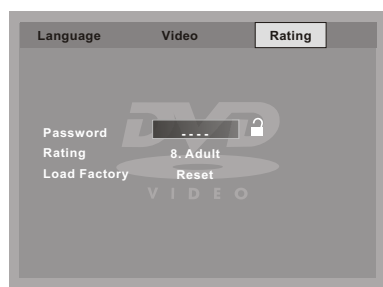
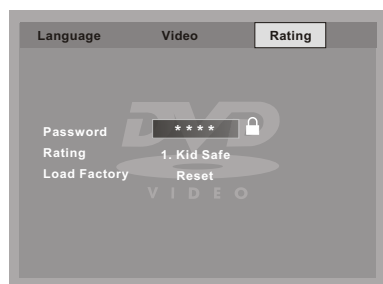
Playback of music CD-R/CD-RW discs even than those recorded with a music CD recorder, may not be possible with this unit due to disc characteristics or dirt on the disc. Dirt or condensation on the lens inside this unit may also prevent playback.

Titles and other text informations recorded on a CD-R/CD-RW discs can not be displayed by this unit.

If you insert a CD-RW disc into this unit to playback, it will take a bit longer time than when you do with a conventional CD or CD-R disc.

Read the precautions with the CD-R/CD-RW discs before using.

RATING SETUP



Password

Type the old password (The initial factory code is null) and key in a new four character password of your choice to confirm.

Rating

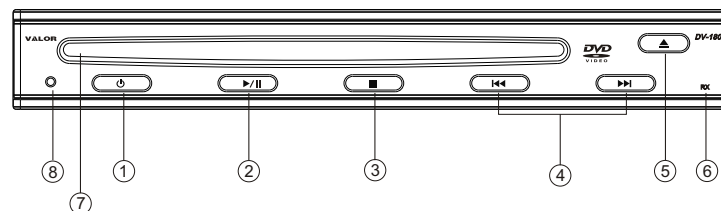
When the password is unlock.

Pressing ENTER to Change the preferred rating level between the following 8 level:

8. Adult → 1. Kid safe → 2. G → 3. PG → 4. PG-R → 5. PG-R → 6. R → 7. NC-17

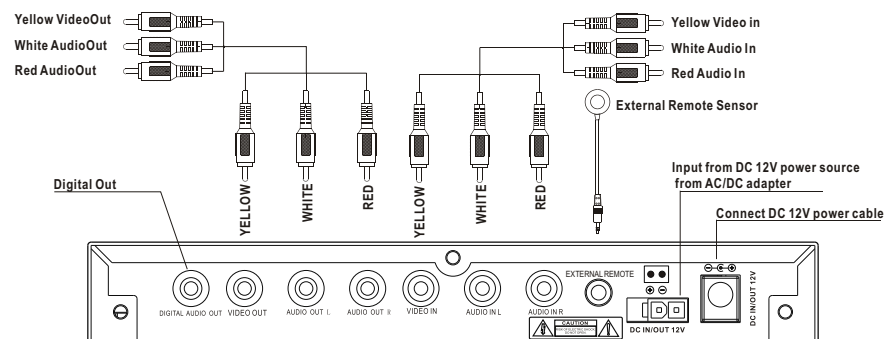
Selected the RESET and pressing ENTER to return the default-values.

Front panel

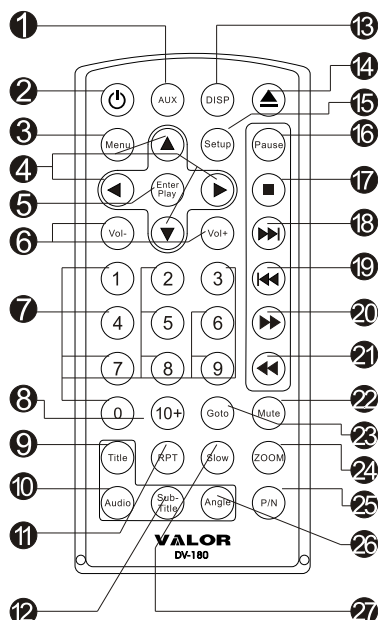


- | | |
|-----------------|--|
| ① POWER | Turn the power on/off |
| ② PLAY/PAUSE | Begin disc play/Pause disc play |
| ③ STOP | Stop disc play |
| ④ SKIP | Use to skip a scene or music |
| ⑤ EJECT | A disc is ejected by this button |
| ⑥ Remote Sensor | Receives a light signal from the remote controller |
| ⑦ Disc in | A disc is inserted here |
| ⑧ Reset | DVD set again |

Rear panel electrical connection



Remote Control:



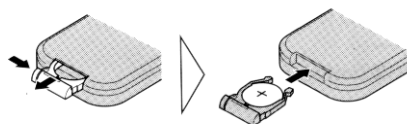
- ❶ Change the Video/Audio to mode IN
- ❷ Press POWER to turn the unit ON or OFF
- ❸ Display the root menu that is stored on the DVD disc Selects between PBC ON and PBC OFF on a VCD
- ❹ in MENU mode, these buttons move the cursor to the up or down in MENU mode, these buttons move the cursor to the left or right
- ❺ Confirm the Track/Chapter selected with the number key or selected with the cursor buttons on TV screen or return to playback
- ❻ Increase or decrease the volume
- ❼ Numeric buttons
- ❽ Press to increase 10
- ❾ Display the TITLE menu that is stored in DVD disc

- ❿ Changes the AUDIO soundtrack on multi-audio soundtrack DVD disc. Changing of the sound mode of the VCD/CD disc
- ⓫ Switch the Repeat mode of DVD/VCD/CD/MP3 disc
- ⓬ Changes the SUBTITLE language on multi-subtitle language DVD disc
- ⓭ Display statistical disc information during Playback
- ⓮ Eject button
- ⓯ Display or Exit the SETUP menu
- ⓰ Press to pause playback or continue playing
- ⓱ Press to stop playback
- ⓲ Press to skip to the next track
- ⓳ press to skip back one track
- ⓴ Press to start forward rapidly
- ⓵ Press to reverse rapidly
- ⓶ Mute the volume
- ⓷ Disc search button, cooperatively used with numeric button
- ⓸ Zoom in the capture
- ⓹ Select playing discs recorded in either PAL or NTSC format in the stop/No Disc mode
- ⓺ Changes the view angle on multi-angle DVD disc
- ⓻ Selects forward / back slow motion Playback

Preparing the Remote Control

Inserting the Battery

1. Open the battery compartment cover.
2. Insert the new battery (3V Cr2025).
Make sure that the positive and negative terminals of the battery are oriented indicated.
3. Close the cover



Using the Remote Control

Point the remote control toward the front of the player (at the remote receiver "eye")
Operation angle: About ± 30 degree in each the direction of the front of the IR mark.

To prevent damage to the unit, be sure to follow the connection diagram.

Subtitle

Select the preferred SUBTITLE language by using the cursor buttons and confirm by pressing ENTER.

Disc Menu

Select the preferred DISC MENU language by using the cursor buttons and confirm by pressing ENTER.

TV Display

This is to select the appropriate TV aspect (4:3 or 16:9) according to the connected TV set.

Normal/PS(For 4:3 TV)

Played back in the PAN & SCAN style. (If connected to wide-screen TV, the left and right edges are cut off)

Normal/LB(For 4:3 TV)

Played back in letterbox style. (If connected to wide-screen TV, black bands appear at top and bottom of the screen.)

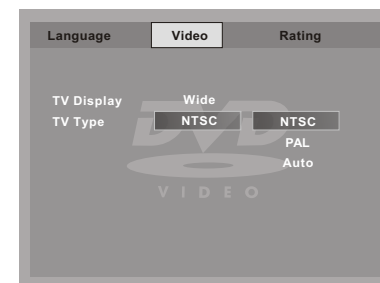
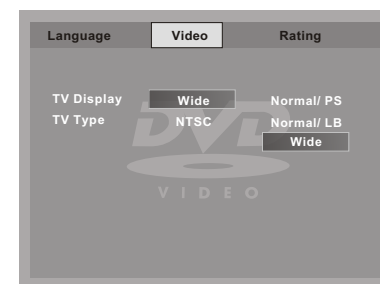
Wide(For 16:9 TV)

Select when a wide-screen TV set is connected.

TV Type

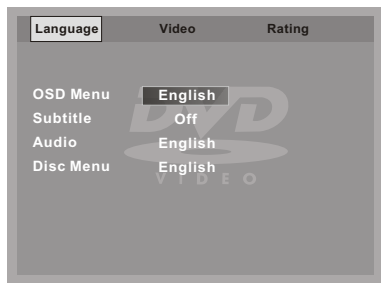
This player can play discs recorded in either PAL or NTSC format in this setting.
Select NTSC format, when you connected to NTSC TV.
Select PAL format, when you connected to PAL TV.
Select AUTO format, the player TV output format will according to the DVD disc format.

VIDEO SETUP



INITIAL SETUP

SETUP MENU---MAIN PAGE



1. Press SETUP in the stop mode.
2. The initial SETUP menu is displayed.
3. Select the preferred item by using the ◀/▶ buttons.
4. Press ENTER buttons.
5. Press SETUP again to exit setup menu.

a. Language

This setup page includes all the item of Language display feature. The detail please refer to LANGUAGE SETUP MENU.

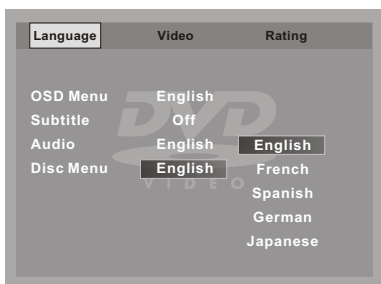
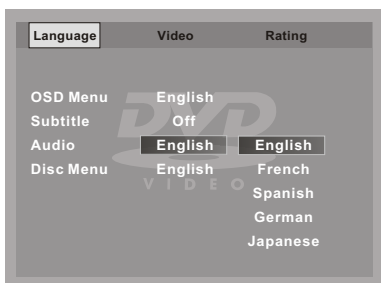
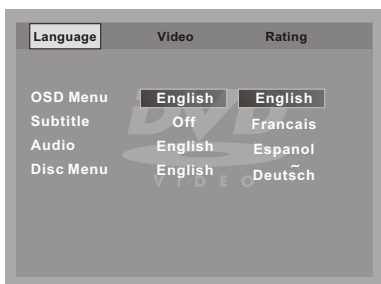
b. Video

This setup page include all the item for TV display feature. Please refer to VIDEO SETUP MENU.

c. Rating

This setup page includes rating feature. The detail please refer to RATING SETUP MENU.

LANGUAGE SETUP



Loading a DVD/VCD/CD Disc

1. Turn the ignition to the Accessory (ACC) position.
2. Press the ⏻ POWER button.
3. Insert the disc into the disc slot with the label side of the disc facing up.
4. The player starts playback automatically.

Ejecting a disc

Press ▲ (EJECT) button to eject the disc.

Stopping play

1. Press the ■ (Stop) button to stop playback. Press the ▶ (play) button for playback.
2. Press the ■ (Stop) button twice. It will stop the playback and go back to initial Track/Chapter.

P/N

Press P/N button to select playing discs recorded in either PAL or NTSC format in the Stop/No Disc mode.

Rapid Forward/Reverse

Press FF ▶▶ & REW ◀◀ during play. Each time the button is pressed the speed changes (depending on the disc format) as follows:
DVD/VCD/CD/MP3:

→ Normal playback → 2x → 4x → 8x → 20x

Skipping Track

Press ◀◀ / ▶▶ on the remote handset or on the front panel during playback. Press ▶▶ to skip to next track, and ◀◀ to back one track.

Slow Motion Playback

Press the slow button during playback. Each time the button is pressed the changes (depending

on the disc format) as follows:
DVD / VCD:

→▶ 1/2x → 1/4x → 1/6x → 1/7x → ◀ 1/2x → 1/4x → 1/6x → 1/7x → Normal playback

Pause (still picture)

Pressing PAUSE || button during playback, it will stop play temporarily. Press the PAUSE button for the second time for playback.

Repeat

Press the REPEAT button to select repeat mode as follows:

DVD:

Press the REPEAT button to select repeat mode as follows.

→ RepeatChapter → RepeatTitle → OFF

SVCD/VCD/CD/MP3:

Press the REPEAT button to select repeat mode as follows.

→ RepeatSingle → RepeatALL → OFF

1. Repeat Single mode continuously repeat the current track/song.
2. In Repeat ALL mode, all tracks /songs on the disc are repeated.

ZOOM

If button ZOOM is pressed, picture will enlarge time to time. But some DVD discs pictures can not be zoomed.

TITLE

Press TITLE button when DVD is playback, it will come back to TITLE to play.

GOTO:

Press GOTO button for the first time, it will appear the searching time function and searching title / chapter function.

Press GOTO button for the second time, it will give the bookmark when the disc is playing, on the other hand, the function is escaped.

You need to press the GOTO button the third time when the disc is playing to escape the function.

Mute Function

Press MUTE button on the Remote Control to cut down the Sound output.
Press it again or vol ⊕ ⊖ to resume to previous volume Level.

VOL ⊕ ⊖

Volume Control:
Press VOL+ on the Remote Control to increase the sound level and press VOL- to decrease the sound level.

Remote Sensor(IR)

Point the remote handset to the remote sensor.
Receive the signal from Remote Control.

Turning the player on/off

Press the POWER button on front of panel or press POWER button on remote control to turn the player on or off.

Mode

Whenever you press AUX button, input condition is to be changed as follows.

DVD → AUX

AUDIO/VIDEO IN

The unit can accept an auxiliary(AUX) signal from external equipment.

1. Connect the equipment and the unit with A/V cables , the AUDIO OUT of the external equipment is connected to the AUDIO IN jack on the front panel of the unit,the VIDEO OUT of the external equipment is connected to the VIDEO IN Jack of the unit.
2. Turn on the external equipment and the unit.
3. Select input function by pressing the AUX button on the remote control , Select the AUX input from extern AV signal.
4. The signals are routed through the Video output jack and the Audio output jack of the DVD unit.

On-Screen Display Function

Press the DISPLAY button during playback to display the contents of the current disc on the screen.

Example:

(1)Press DISPLAY for the first time:

SVCD VCD CD:

VCD 00:00:35 00:03:53
Track 5/12

Disc type,elapsed time, remain time Track Number , Total Track Number of the disc currently being played will shown on the screen.

DVD:

DVD 00:00:35 00:03:53
Title 1/1 Chapter 1/8 Angle 1/1
Audio 1/2 6Ch ENG
Subtitle 1/2 CHI
Bitrate 8.448 Mbps

Disc type,elapsed time,remain time Title number, Chapter number , view angle , audio channel , audio type , language , Subtitle number of the currently being play will be shown on the screen. When the message on the screen ,use the ▲ ▼ ◀ ▶ to move the cursor to select mode,and input the number to change the title or chapter,or press ENTER button to change other mode.Press the other button ,the temporal message will be shown on the right up of the disc message.

(2)Press DISPLAY for the second time:

The message on the screen will be cleared.

Mp3:

The elapsed time on the screen will be shown or cleared by pressing display button.

Multi-audio Language Function

DVD:

Press AUDIO during playback.

Each time the button is pressed, number of the audio soundtrack language changes on sequential order.

Notes:

The language number is different according to the disc.

Some disc only contain one language soundtrack. When no different language soundtrack is available ⓪ will be displayed in the top left corner of the screen.

Mp3 VCD CD:

Press AUDIO during playback.

It is possible to switch the sound between monaural and stereo sound.

→ Stereo → Left → Right

MENU Function

DVD:

Press MENU button while the disc is playing and the disc menu will be displayed . You can navigate with the remote control navigation keys and select a feature with the ENTER key. Press MENU twice,it will go back to the primary place.

VCD:

Press MENU button while the disc is playing, you can switch between “PBC ON” and “PBC OFF” mode.

TITLE Menu Function (For DVD only)

If the DVD has multiple titles recorded on the disc. It can select preferred title from the title menu to start playback.

1.Press TITLE during playback.The title menu is display.

2.Press the cursor button show in TV screen, select preferred title by the cursor button and confirmed by ENTER key.

Multi- subtitle Language Function (For DVD only)

Press SUBTITLE during playback.

Each time the button is pressed , number of the subtitle language changes in sequential order.

Notes:

The language number is different according to the disc.

Some discs only contain one language soundtrack.

When no different language soundtrack are recorded, ⓪ will be display at screen left top corner.

Multi-angle Function (For DVD only)

Press ANGLE during playback.

Each time the button is pressed , number of the angle changes in sequential order.

Notes:

The angle number is different according to the disc.

The function only work for discs having scenes recorded at different angles.

When no different angles are available, ⓪ will display in the top left corner of the screen.

MP3 /MPEG/JPG DISC PLAY

Mp3 disc is playing as the format of FOLDER.

For example:

CD-R		MENU	
📁	ROOT	📁	-- 0
📁	--	🎵	Track 01
		🎵	Track 02
		🎵	Track 03
		🎵	Track 04
		🎵	Track 05
		🎵	Track 06
Mode		Folder	Normal

Use ▲ ▼ ◀ ▶ to select the item or folder , then press ENTER button..

Pressing REPEAT button repeatedly can select three kinds of repeat play mode.

In the playback,use ⏮ / ⏭ to skip an item ahead or back.

When the STOP, Use ▲ ▼ ◀ ▶ Move the cursor to MODE, Press ENTER button to change the mode

Note:

Press TITLE button to enter the preview mode when playing JPG.